



**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of the claims in the application.

**Listing of Claims:**

1. (canceled)
2. (currently amended) The emergency medical kit of claim 7 wherein the [breathable oxygen delivery system comprises a portable oxygen tank for storing oxygen under high pressure and wherein the portable oxygen tank comprises a composite material over wrapped onto a gas impermeable inner vessel] nitrate comprises isosorbide.
3. (currently amended) The emergency medical kit of claim 2 wherein [the breathable oxygen delivery system comprises a portable oxygen tank having an empty weight of less than 5.0 pounds] the isosorbide comprises one of isosorbide dinitrate in and oral dosage of at least 10 mg and isosorbide monitrate in an oral dosage of at least 20 mg.
4. (currently amended) The emergency medical kit of claim [2 wherein the breathable oxygen delivery system comprises a portable oxygen tank having an empty weight of less than 2.0 pounds] 11 wherein the medication further comprises dipyridamole.

5. (currently amended) The emergency medical kit of claim 8 [7 further comprising a portable container for housing and carrying the breathable oxygen delivery system and the medication] wherein the nitroglycerin configured as one of a sublingual tablet and a transdermal patch.

6. (Canceled)

7. (currently amended) An emergency medical kit [comprising a breathable oxygen delivery system and a medication for use in response to symptoms of an attack of a vascular disease.] for increasing a patient's chance to survive a sudden ischemic event without suffering permanent tissue damage comprising:

- a portable oxygen tank (20) containing oxygen stored at a pressure ranging from 250 to 5000 PSI, and wherein said portable tank (20) is configured to weigh less than 5 pounds when filled with oxygen;
- a pressure regulating valve (25) attached to the oxygen tank (20) for receiving oxygen from the portable oxygen tank (20) and delivering the oxygen therefrom at a pressure ranging from 20 - 50 PSI, and at a flow rate ranging from 20 cubic centimeters to 60 liters per minute;
- a hollow delivery tube (30) and facemask (35) attached to the pressure regulating valve (25) for receiving oxygen therefrom and delivering the oxygen to the patient;
- a medication in a form and dosage suitable for self-administration during the sudden ischemic event, said medication comprising a nitrate; and,

- a portable container for containing the portable oxygen tank (20), pressure regulating valve (25), hollow delivery tube (30), facemask (35) and medication therein.

8. (currently amended) The emergency medical kit of claim 7 wherein the [medication is prescribed for a particular user by a physician and wherein the user has a known susceptibility to an attack of the vascular disease] nitrate comprises nitroglycerin.

9. (currently amended) An emergency medical kit [comprising a breathable oxygen delivery system and an anticoagulant for use in response to symptoms of a particular serious illness as soon as the symptoms occur.] for increasing a patient's chance to survive a sudden ischemic event without suffering permanent tissue damage comprising:

- a portable oxygen tank (20) containing oxygen stored at a pressure ranging from 250 to 5000 PSI, and wherein said portable tank (20) is configured to weigh less than 5 pounds when filled with oxygen;
- a pressure regulating valve (25) attached to the oxygen tank (20) for receiving oxygen from the portable oxygen tank (20) and delivering the oxygen therefrom at a pressure ranging from 20 - 50 PSI, and at a flow rate ranging from 20 cubic centimeters to 60 liters per minute;
- a hollow delivery tube (30) and facemask (35) attached to the pressure regulating valve (25) for receiving oxygen therefrom and delivering the oxygen to the patient;

- a medication in a form and dosage suitable for self-administration during the sudden ischemic event, said medication comprises one of clopidogrel, heparin and a glycoprotein IIb/III/a inhibitor; and,
- a portable container for containing portable oxygen tank (20), pressure regulating valve (25), hollow delivery tube (30), facemask (35) and medication therein.

10. (currently amended) The emergency medical kit of claim [29 wherein the cardioprotective agent comprises one of a nitrate, a beta blocker and an ACE inhibitor] 9 wherein said medication further comprises nitroglycerin.
11. (currently amended) The emergency medical kit of claim 9 wherein the [anticoagulant] medication further comprises one of acetylsalicylic acid and dipyridamole[, clopidogrel, heparin and glycoprotein IIb/III/a inhibitors].
12. (currently amended) The emergency medical kit of claim 28 wherein [the antiarrhythmic comprises magnesium] the medication further comprises a beta-adrenergic antagonist (Beta-Blocker).
13. (currently amended) An emergency medical kit for increasing a patient's chance to survive a sudden ischemic event without suffering permanent tissue damage comprising:

- [a breathable oxygen delivery system and a medication for use in response to symptoms of an attack of a vascular disease as soon as the symptoms occur and wherein the breathable oxygen delivery system comprises:
  - an oxygen storage tank having at least a 50 cubic inch internal storage capacity, an oxygen storage operating pressure range of between 100 and 4000 PSI and an empty weight of less than 5.0 pounds;
  - a regulator valve attached to the oxygen storage tank for receiving oxygen from the tank at an inlet pressure of between 100 - 4000 PSI and delivering oxygen at an outlet pressure range of less than 50 PSI;
  - an oxygen delivery tube having an inlet end attached to the regulator valve for receiving oxygen at the pressure of less than 50 PSI and an outlet end; and,
  - a user oxygen delivery device attached to said delivery tube outlet end for delivering a supply of breathable oxygen to a user.]
- a portable oxygen tank (20) containing oxygen stored at a pressure ranging from 250 to 5000 PSI, and wherein said portable tank (20) is configured to weigh less than 5 pounds when filled with oxygen;
- a pressure regulating valve (25) attached to the oxygen tank (20) for receiving oxygen from the portable oxygen tank (20) and delivering the oxygen therefrom at a pressure ranging from 20 - 50 PSI, and at a flow rate ranging from 20 cubic centimeters to 60 liters per minute;
- a hollow delivery tube (30) and facemask (35) attached to the pressure regulating valve (25) for receiving oxygen therefrom and delivering the oxygen to the patient;

- a medication in a form and dosage suitable for self-administration during the sudden ischemic event, said medication comprises a beta-adrenergic antagonist (Beta-Blocker); and,
- a portable container for containing portable oxygen tank (20), pressure regulating valve (25), hollow delivery tube (30), facemask (35) and medication therein.

14. (currently amended) An emergency medical kit [for use in a pre-hospital setting] for increasing a patient's chance to survive a sudden ischemic event without suffering permanent tissue damage comprising:

- [ - a breathable oxygen delivery system and a medication for one of;
  - assisting in preventing thrombosis;
  - assisting in inducing arteriolar relaxation
  - assisting in establishing a cardiac rhythm; and,
  - assisting in diminishing oxygen demand.]
- a portable oxygen tank (20) containing oxygen stored at a pressure ranging from 250 to 5000 PSI, and wherein said portable tank (20) is configured to weigh less than 5 pounds when filled with oxygen;
- a pressure regulating valve (25) attached to the oxygen tank (20) for receiving oxygen from the portable oxygen tank (20) and delivering the oxygen therefrom at a pressure ranging from 20 - 50 PSI, and at a flow rate ranging from 20 cubic centimeters to 60 liters per minute;

- a hollow delivery tube (30) and facemask (35) attached to the pressure regulating valve (25) for receiving oxygen therefrom and delivering the oxygen to the patient;
- a medication in a form and dosage suitable for self-administration during the sudden ischemic event, said medication comprises magnesium; and,
- a portable container for containing portable oxygen tank (20), pressure regulating valve (25), hollow delivery tube (30), facemask (35) and medication therein.

15. (currently amended) The emergency medical kit of claim 14 wherein [the medication is prescribed by a physician for one of a known condition and a susceptibility to a known condition] said medication further comprises one of aspirin, clopidogrel, heparin, dipyridamole and a glycoprotein IIb/IIIa inhibitor.

16. (currently amended) A medical emergency kit according to claim [15 wherein the breathable oxygen supply is prescribed by a physician in a preset condition to deliver oxygen at least one of a predetermined rate and a predetermined pressure] 28 wherein said agents further comprise glycoprotein IIb/IIIa inhibitors.

17. (currently amended) An emergency medical kit [for treatment of one of a heart attack and a stroke upon the onset of symptoms thereof] for increasing a patient's chance to survive a sudden ischemic event without suffering permanent tissue damage comprising:

- [a breathable oxygen supply having;

- an oxygen storage tank having at least a 50 cubic inch internal storage capacity, an oxygen storage operating pressure range of between 100 and 4000 PSI and an empty weight of less than 5.0 pounds;
- a regulator valve attached to the oxygen storage tank for receiving oxygen from the tank at an inlet pressure of between 100 - 4000 PSI and delivering oxygen at an outlet pressure range of less than 50 PSI;
- an oxygen delivery tube having an inlet end attached to the regulator valve for receiving oxygen at the pressure of less than 50 PSI and an outlet end; and,
- a user oxygen delivery device attached to said delivery tube outlet end for delivering a supply of breathable oxygen to a user; [and,]
- a medication for one of assisting in preventing thrombosis; assisting in inducing arteriolar relaxation; assisting in establishing a cardiac rhythm and assisting in diminishing oxygen demand; and,
- a portable container for storing and transporting the breathable oxygen supply in a convenient manner.]
- a portable oxygen tank (20) containing oxygen stored at a pressure ranging from 250 to 5000 PSI, and wherein said portable tank (20) is configured to weigh less than 5 pounds when filled with oxygen;
- a pressure regulating valve (25) attached to the oxygen tank (20) for receiving oxygen from the portable oxygen tank (20) and delivering the oxygen therefrom at a pressure ranging from 20 - 50 PSI, and at a flow rate ranging from 20 cubic centimeters to 60 liters per minute;



- a hollow delivery tube (30) and facemask (35) attached to the pressure regulating valve (25) for receiving oxygen therefrom and delivering the oxygen to the patient;
- a medication in a form and dosage suitable for self-administration during the sudden ischemic event, said medication comprising magnesium and nitroglycerin; and,
- a portable container for containing portable oxygen tank (20), pressure regulating valve (25), hollow delivery tube (30), facemask (35) and medication therein.

18. (canceled)

19. (currently amended) A method for [treating a serious attack of a vascular disease immediately upon the onset of one or more symptoms of the attack] increasing a patient's chance to survive a sudden ischemic event without suffering permanent tissue damage comprising the steps of:

- establishing that the patient has a high risk of suffering a sudden ischemic event [a risk that a patient may suffer an unexpected attack of the vascular disease];
- identifying one or more medications and dosage amounts that would be suitable for the patient to take in combination with breathable oxygen to increase the patient's chance to survive the sudden ischemic even without suffering [predetermining a treatment for prolonging the patient's life and reducing a risk of] permanent tissue damage [to the patient] in the event that the [attack] sudden ischemic event occurs;

- prescribing the medications in a form suitable for self-administration during the sudden ischemic event;
- providing the patient with a portable emergency medical kit comprising the prescribed medications in the dosage amount identified and in the form suitable for self administration and a portable oxygen tank (20), pressure regulating valve (25), hollow delivery tube (30) and facemask (35) configured to deliver breathable oxygen to the patient at an appropriate pressure and flow rate during the sudden ischemic event; [for carrying out the treatment upon the onset of the symptoms before the patient can be treated by a medical professional, said portable emergency medical kit including a supply of breathable oxygen; and],
- informing the patient of what symptoms to look for and instructing the patient in the use of the breathable oxygen and the medications in the event that the sudden ischemic event occurs; and, [teaching the patient how to recognize the symptoms of the serious attack and how to carry out the treatment upon the onset of the symptoms]
- instructing the patient to keep the emergency medical kit readily available for use.

20. (canceled)

21. (currently amended) The method of claim 19 wherein the step of identifying one or more medications and dosage amounts [predetermining a treatment] further comprises the step of [providing a medication in the portable emergency kit for one of]:

- [assisting in] identifying one of magnesium, nitroglycerin, a beta-adrenergic antagonist (Beta-Blocker), a calcium channel blocker and an angiotensin-converting enzyme (ACE) inhibitor [preventing thrombosis;
- assisting in inducing arteriolar relaxation;
- assisting in establishing a cardiac rhythm; and,
- assisting in diminishing oxygen demand].

22. (currently amended) A method for increasing a patient's chance to survive a sudden ischemic event without suffering permanent tissue damage [treating a serious attack of a vascular disease] comprising the steps of;

- prescribing one of acetylsalicylic acid, dipyridamole, clopidogrel, heparin and a glycoprotein IIb/IIIa inhibitor in a dosage amount suitable for preventing thrombosis and in a form suitable for self administration;
- prescribing breathable oxygen to be administered to the patient as soon of symptoms of the sudden ischemic event occur; [providing a person susceptible to the serious attack with a breathable oxygen delivery system;]
- providing the patient with an emergency medical kit containing the prescribed medications and a portable oxygen tank (20), pressure regulating valve (25), hollow delivery tube (30) and facemask (35) configured to deliver breathable oxygen to the patient at an appropriate pressure and flow rate during the sudden ischemic event;
- informing the patient of what symptoms to look for and instructing the patient in the use of the breathable oxygen and the medications in the event that the sudden

ischemic event occurs; and, [person susceptible to the serious attack with a medication for use in response to symptoms of the serious attack as soon as the symptoms occur; and,]

- instructing the patient to keep the emergency medical kit readily available for use
- [wherein said medication is for one of assisting in preventing thrombosis, assisting in inducing arterial relaxation, assisting in establishing a cardiac rhythm, and assisting in diminishing oxygen demand].

23. (Canceled)

24. (Canceled)

25. (Canceled)

26. (currently amended) The emergency medical kit of claim 13 wherein the [attack of a vascular disease comprises a heart attack] beta-adrenergic antagonist (beta-blocker) is selected from the group of propranolol, metoprolol and atenolol.

27. (currently amended) The emergency medical kit of claim 13 wherein the [attack of a vascular disease comprises a stroke] medication further comprises a calcium channel blocker.

28. (currently amended) An emergency medical kit, [comprising a breathable oxygen delivery system and an antiarrhythmic agent one or more antithrombotic agents for use in response to symptoms of a particular serious illness as soon as the symptoms occur.]

for increasing a patient's chance to survive a sudden ischemic event without suffering permanent tissue damage comprising:

- a portable oxygen tank (20) containing oxygen stored at a pressure ranging from 250 to 5000 PSI, and wherein said portable tank (20) is configured to weigh less than 5 pounds when filled with oxygen;
- a pressure regulating valve (25) attached to the oxygen tank (20) for receiving oxygen from the portable oxygen tank (20) and delivering the oxygen therefrom at a pressure ranging from 20 - 50 PSI, and at a flow rate ranging from 20 cubic centimeters to 60 liters per minute;
- a hollow delivery tube (30) and facemask (35) attached to the pressure regulating valve (25) for receiving oxygen therefrom and delivering the oxygen to the patient;
- a medication in a form and dosage suitable for self-administration during the sudden ischemic event, said medication comprising a calcium channel blocker; and,
- a portable container for containing the portable oxygen tank (20), pressure regulating valve (25), hollow delivery tube (30), facemask (35) and medication therein.

29. (currently amended) An emergency medical kit [comprising a breathable oxygen delivery system and a cardioprotective agent for use in response to symptoms of a particular serious illness as soon as the symptoms occur.]

for increasing a patient's chance to survive a sudden ischemic event without suffering permanent tissue damage comprising:

- a portable oxygen tank (20) containing oxygen stored at a pressure ranging from 250 to 5000 PSI, and wherein said portable tank (20) is configured to weigh less than 5 pounds when filled with oxygen;
- a pressure regulating valve (25) attached to the oxygen tank (20) for receiving oxygen from the portable oxygen tank (20) and delivering the oxygen therefrom at a pressure ranging from 20 - 50 PSI, and at a flow rate ranging from 20 cubic centimeters to 60 liters per minute;
- a hollow delivery tube (30) and facemask (35) attached to the pressure regulating valve (25) for receiving oxygen therefrom and delivering the oxygen to the patient;
- a medication in a form and dosage suitable for self-administration during the sudden ischemic event, said medication comprising an angiotensin converting enzyme (ACE) inhibitor for suppressing the sympathetic and rennin-angiotensin systems; and,
- a portable container for containing the portable oxygen tank (20), pressure regulating valve (25), hollow delivery tube (30), facemask (35) and medication therein.

30. (currently amended) The emergency medical kit of claim [9 wherein the anticoagulant comprises acetylsalicylic acid] 29 wherein the medication further comprises magnesium.
31. (currently amended) The emergency medical kit of claim 7 wherein the medication [is provided in a dosage capable of preventing thrombosis] further comprises an oral antiplatelet agent selected from the group of aspirin, clopidogrel, dipyridamole, heparin and a glycoprotein IIb/IIIa inhibitor.
32. (currently amended) The emergency medical kit of claim [7 wherein the medication is provided in a dosage capable of inducing arteriolar relaxation] 14 wherein said medication further comprises a nitrite comprising one of isosorbide and nitroglycerin.
33. (currently amended) The emergency medical kit of claim [7 wherein the medication is provided in a dosage capable of establishing a cardiac rhythm] 28 wherein the calcium channel blocker is selected from the group of nifedipine, diltiazem, verapamil and amlodipine.
34. (currently amended) The emergency medical kit of claim [7] 29 wherein the medication [is provided in a dosage capable of diminishing oxygen demand.] further comprises an oral antiplatelet agent selected from the group of aspirin, clopidogrel, dipyridamole, heparin and a glycoprotein IIb/IIIa inhibitor.

35 (NEW) The emergency medical kit of claim 28 wherein the medication further comprises an oral antiplatelet agent selected from the group of aspirin, clopidogrel, dipyridamole, heparin and a glycoprotein IIb/IIIa inhibitor.

36 (NEW) The emergency medical kit of claim 13 wherein the medication further comprises an oral antiplatelet agent selected from the group of aspirin, clopidogrel, dipyridamole, heparin and a glycoprotein IIb/IIIa inhibitor.

37 (NEW) The method of claim 19 wherein the step of identifying one or more medications and dosage amounts further comprises the step of identifying a nitrite selected from the group of, nitroglycerin, isosorbide dinitrate, and isosorbide monitrate.

38. (NEW) The method of claim 19 wherein the step of identifying one or more medications and dosage amounts further comprises the step of identifying magnesium.

39. (NEW) The method of claim 19 wherein the step of identifying one or more medications and dosage amounts further comprises the step of identifying aspirin and clopidogrel.

40. (NEW) The method of claim 19 wherein the step of identifying one or more medications and dosage amounts further comprises the step of identifying aspirin-dipyridamole.